

# Chapter 11

## MIB2D System Log Messages

This chapter describes messages generated by the Management Information Base II (MIB II) process (mib2d), which services requests for information gathered and reported by the Simple Network Management Protocol (SNMP).

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### MIB2D\_ATM\_ERROR

<b>System Log Message</b>	MIB2D_ATM_ERROR: <i>function-name : error-message</i>
<b>Description</b>	The MIB II process (mib2d) could not process ATM-related information.
<b>Type</b>	Error: An error occurred
<b>Severity</b>	error
<b>Cause</b>	An internal software failure occurred.
<b>Action</b>	Contact your technical support representative.

- MIB2D\_CONFIG\_CHECK\_FAILED

- System Log Message** MIB2D\_CONFIG\_CHECK\_FAILED:  
*function-name* : configuration database has errors
  - Description** The configuration checking phase of a 'commit' operation failed during processing of the configuration for the MIB II process (mib2d).
  - Type** Error: An error occurred
  - Severity** error
  - Cause** The configuration was invalid.
  - Action** Correct the invalid portion of the configuration as described in the error message on the console.

- MIB2D\_FILE\_OPEN\_FAILURE

- System Log Message** MIB2D\_FILE\_OPEN\_FAILURE:  
Unable to open file '*filename*': *error-message*
  - Description** The MIB II process (mib2d) could not open the indicated file.
  - Type** Error: An error occurred
  - Severity** error
  - Cause** An internal software failure occurred.
  - Action** Contact your technical support representative.

- MIB2D\_IFD\_IFINDEX\_FAILURE

- System Log Message** MIB2D\_IFD\_IFINDEX\_FAILURE:  
SNMP index assigned to *ifd-name* changed from *old-snmp-ifindex x* to *new-snmp-ifindex x*
  - Description** The SNMP ifIndex assigned to the indicated existing interface changed.
  - Type** Error: An error occurred
  - Severity** error
  - Cause** An internal software failure occurred.
  - Action** Contact your technical support representative.

## MIB2D\_IFL\_IFINDEX\_FAILURE

<b>System Log Message</b>	MIB2D_IFL_IFINDEX_FAILURE: SNMP index assigned to <i>ifd-name.ifl-subunit</i> changed from <i>old-snmp-ifindex x</i> to <i>new-snmp-ifindex x</i>
<b>Description</b>	The SNMP ifIndex assigned to the indicated existing interface changed.
<b>Type</b>	Error: An error occurred
<b>Severity</b>	error
<b>Cause</b>	An internal software failure occurred.
<b>Action</b>	Contact your technical support representative.

## MIB2D\_INIT\_FAILURE

<b>System Log Message</b>	MIB2D_INIT_FAILURE: mib2d initialization failure: <i>error-message (extended-err or)</i>
<b>Description</b>	The MIB II process (mib2d) failed to initialize.
<b>Type</b>	Error: An error occurred
<b>Severity</b>	error
<b>Cause</b>	An internal software failure occurred.
<b>Action</b>	Contact your technical support representative.

## MIB2D\_KVM\_FAILURE

<b>System Log Message</b>	MIB2D_KVM_FAILURE: <i>function-name : kvm-err or: error-message</i>
<b>Description</b>	A call to the indicated function in the kernel virtual memory library failed.
<b>Type</b>	Error: An error occurred
<b>Severity</b>	error
<b>Cause</b>	An internal software failure occurred.
<b>Action</b>	Contact your technical support representative.

- MIB2D\_RTSLIB\_READ\_FAILURE

- **System Log Message** MIB2D\_RTSLIB\_READ\_FAILURE:  
*function-name* : failed in *operation-type* *object-type* : *index* (*error-message*)
- **Description** A call to the indicated function in the routing socket library failed during the indicated operation on the indicated object.
- **Type** Error: An error occurred
- **Severity** error
- **Cause** An internal software failure occurred.
- **Action** Contact your technical support representative.

- MIB2D\_RTSLIB\_SEQ\_MISMATCH

- **System Log Message** MIB2D\_RTSLIB\_SEQ\_MISMATCH:  
*function-name* : sequence mismatch (*expected-value*, *received-value*), resyncing
- **Description** The indicated function in the routing socket library detected a sequence number mismatch. The MIB II process (mib2d) will resynchronize its data with the JUNOS kernel.
- **Type** Event: This message reports an event, not an error
- **Severity** info

- MIB2D\_SYSCTL\_FAILURE

- **System Log Message** MIB2D\_SYSCTL\_FAILURE:  
*function-name* : sysctl *sysctl-error* failed: *error-message*
- **Description** A request to the JUNOS kernel for system data failed.
- **Type** Error: An error occurred
- **Severity** error
- **Cause** An internal software failure occurred.
- **Action** Contact your technical support representative.

## MIB2D\_TRAP\_HEADER\_FAILURE

<b>System Log Message</b>	MIB2D_TRAP_HEADER_FAILURE: <i>function-name</i> : trap_request_header failed
<b>Description</b>	The MIB II process (mib2d) could not allocate a trap header.
<b>Type</b>	Error: An error occurred
<b>Severity</b>	error
<b>Cause</b>	The Routing Engine is low on resources.
<b>Action</b>	Contact your technical support representative.

## MIB2D\_TRAP\_SEND\_FAILURE

<b>System Log Message</b>	MIB2D_TRAP_SEND_FAILURE: <i>function-name</i> : trap_request_send: <i>error-message</i>
<b>Description</b>	The MIB II process (mib2d) could not send a trap header.
<b>Type</b>	Error: An error occurred
<b>Severity</b>	error
<b>Cause</b>	An internal software failure occurred.
<b>Action</b>	Contact your technical support representative.

